

ABSTRACT OF THE DISCLOSURE

A sand screen for a wellbore that employs a seamless tube shaped filter member covering perforations in a length of perforated tubular is disclosed. The filter member includes a monofilament or multifilament wire that is precisely wound to control angle and spacing of the wire. Configuration of a wind pattern and the amount of wire wound controls aperture size for filtering particles, flow characteristics through the filter member, and overall strength of the filter member. Seals at each end of the filter member can secure and circumferentially seal the filter member on the perforated tubular.